

Remarks/Arguments:

The specification has been amended to delete the hyperlink, as required.

Claims 11-13 have been amended and are now fully compliant with 35 U.S.C. § 101, thus obviating the rejection. Claim 14 has been cancelled. Accordingly, Applicants respectfully request withdrawal of the § 101 rejections of claims 11-14.

Claims 1, 4, 6 and 8-14 stand rejected under 35 U.S.C. § 102(b) as anticipated by Cheung et al. (U.S. Patent No. 5,812,531). Claims 2, 5, 7 and 15 stand rejected under 35 U.S.C. § 103(a) as obvious over Cheung and Lev et al. (U.S. Patent No. 5,987,327).

It is respectfully submitted, however, that the claims are patentable over the art of record for the reasons set forth below. In particular, Applicants' invention, as recited, for example, by claim 4, line 4, includes a feature which is neither disclosed nor suggested by the art of record, namely:

... first wired communication means configured to perform, using a wired connection, a wired data communication with no wireless data communication, said wired data communication being for transmitting information that is necessary when establishing a wireless link for performing said wireless data communication, **before establishing said wireless link**.... (Emphases added).

In the exemplary embodiment described in Applicants' disclosure, this means that the first wired communication means is configured to perform **wired** communication **before** a wireless link is established. The wireless communication means does not communicate wirelessly before the wireless link is established. This feature is found in the originally filed application at page 23, line 17 through page 24, line 1. No new matter has been added.

Cheung discloses a system for bridging a wireless local area network (LAN) to a wired LAN. The system relevantly includes wireless nodes (e.g., A, B, C, D and E) and access points (e.g., AP1 and AP2). See FIG. 1. By way of example, when wireless node A sends a wireless communication to D when D is not within range of A, access point AP1 intercepts the communication. AP1 sends the communication to AP2 over

the wired LAN. AP2 then sends the communication to D wirelessly. See col. 10, line 52 through col. 11, line 8. Thus, in Cheung, the wireless node A sends a wireless communication to D before a wireless link is established between A and D. Indeed, because A is not within range of D, A and D never establish a wireless connection.

The embodiment recited in Applicants' claim 4 is different from Cheung's disclosure. In particular, in the embodiment recited in Applicants' claim 4, wired communication is used to establish a wireless connection between the first and second wireless devices. More specifically, the first wireless device does not send a wireless communication before the wireless link is established.

It is because Applicants include the feature of "first wired communication means configured to perform, using a wired connection, a wired data communication with no wireless data communication, said wired data communication being for transmitting information that is necessary when establishing a wireless link for performing said wireless data communication, before establishing said wireless link," that the following advantages are achieved. Namely, a wired connection may be used to establish a wireless link between two devices, thus simplifying the process of establishing the wireless link between the two devices.

Accordingly, for the reasons set forth above, claim 4 is patentable over the art of record.

Claims 1, 6, 8, 9, 10 and 15, while not identical to claim 4, include a similar feature. Accordingly, claims 1, 6, 8, 9, 10 and 15 are also patentable over the art of record for the reasons set forth above.

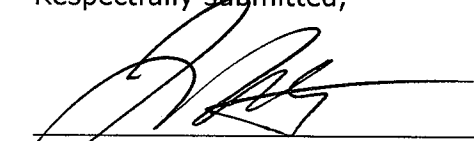
Claims 2 and 3 include all the features of claim 1 from which they depend; claim 5 includes all the features of claim 4 from which it depends; claim 7 includes all the features of claim 6 from which it depends; claim 11 includes all the features of claim 8 from which it depends; claim 12 includes all the features of claim 9 from which it depends; and claim 13 includes all the features of claim 10 from which it depends. Thus, claims 2, 3, 5, 7 and 11-13 are also patentable over the art of record for the reasons set forth above.

Application No.: 10/529,620
Amendment Dated: April 11, 2008
Reply to Office Action of: January 14, 2008

MTS-3512US

In view of the amendments and arguments set forth above, the above-identified application is in condition for allowance which action is respectfully requested.

Respectfully submitted,



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Dated: April 11, 2008

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NM243287